



SEQUENCE LISTING

<110> Lanctot, et al.

<120> Nucleic Acid Molecule, Method and Kit for Selecting a
Nucleic Acid Having A Desired Feature

<130> 2003390-0001

<140> 09/641,931

<141> 2000-08-18

<160> 45

<170> PatentIn Ver. 2.1

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<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> sequence is completely synthesized

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ggatccaata gaggattctt taac

24

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tcaccactct tctgtccctt c

21

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ggatcctacg aacatgacgac cactg 25

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<400> 4
tcattcttcgt gtgctagtca g 21

<210> 5
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ccgctccgac acattgccgt gaccagtggg gctgcagatc tgc 43

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ccagagctca tgcggaccac tcttctgt 28

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<211> 24
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tcgcgattta aattaattaa gctt 24

<210> 14
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<220>
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<400> 14
aagcttaatt aatttaaadc gcga 24

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<400> 15
agacgcgtag atctcacc 18

<210> 16
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<400> 16
gatccgcacc gcaatatggc 20

<210> 17
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<400> 17
tctagagatg cattatgcac atcag 25

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<400> 18
tccaagccat cagaggggaa ataaagcatc tctacggtgg tcctaaatag tcagcatagt 60

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actatgctga ctatttagga ccaccgtaga gatgctttat ttcccctctg atggcttgga 60

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<400> 20
tagtcagcat agtacatttc 20

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tcgatccgaa ttcgcggccg ctctattgga tcctcgagca gatctgcagc a 51

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ggaaataaaag catctctacg gtggtcctaa atagtcagca tagtacattt catctgacta 120
atactacaac accaccacca tgaataga 148

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gagtgggtccg catggtga

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<210> 24

<211> 54

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt

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<210> 25

<211> 48

<212> DNA

<213> Sindbis virus

<220>

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<400> 25

tctgcagcac cactgggtcac ggcaatgtgt ttgctcggaa atgtgagc

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<210> 26

<211> 16

<212> PRT

<213> Sindbis virus

<220>

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Ser Ala Ala Pro Leu Val Thr Ala Met Cys Leu Leu Gly Asn Val Ser

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<210> 27

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<212> DNA

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54

<220>

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tctgcagcac cactgggtcac ggcaatgtgt cggagcggaa atgtgagc

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<210> 28

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

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<400> 28

Ser Ala Ala Pro Leu Val Thr Ala Met Cys Arg Ser Gly Asn Val Ser

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<211> 44

<212> DNA

<213> Artificial Sequence

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<400> 29

gagagagaga gagtttaaac gtcgactttt tttttttttt tttt

44

<210> 30

<211> 34

<212> DNA

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<400> 30

gctaagcttg ctatcggcgg ccgcgagaat tcgt

34

<210> 31

<211> 30

<212> DNA

<213> Artificial Sequence

55

<220>

<223> sequence is completely synthesized

<400> 31

acgaattctc gcggccgccg atagcaagct

30

<210> 32

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> sequence is completely synthesized

<400> 32

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1

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<210> 33

<211> 13

<212> DNA

<213> Artifical Sequence

<220>

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<400> 33

gagctcatgc gga

13

<210> 34

<211> 132

<212> DNA

<213> Mouse

<400> 34

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ttgtggatac gcggactctg ttgctgcttg cagtaacttc gtgccttagca acatgccaat 120
atttgcaatc gg 132

<210> 35

<211> 222

<212> DNA

<213> Homo sapiens

56

<400> 35

ccacgctgtg cacaatgggt tcctcgagg caccgccgat ggggagtggt ggagggcacg 60
ggctgatggc attgctgatg gccgggtctta ttctgccagg aatcttggct aagagcattg 120
ggaccctctc ggaccctgt aaggaccca cgaggatcac ctccccgaat gacccttgtc 180
tcattggaaa gactggctcc aacagcatca gcagccaagg tg 222

<210> 36

<211> 132

<212> DNA

<213> Mouse

<400> 36

agcagcgttg gcaccggcga accatggctg ggattttcta tttcatctc ttttcgtttc 60
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tattggattc ca 132

<210> 37

<211> 262

<212> DNA

<213> Mouse

<400> 37

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tggttgccc tgaccatgga tggagcatca gccaaacagg atggcctctg ggaaagcaag 120
tccagcagt atgtttcatc ttgccctgaa gcctcgctgg agattgtggg ctctctggcc 180
cgactgcctg atcaacagga tacagctcag gatgccagt ttgaggtaaa cagaggtttt 240
aaggaagaag gaagcccaga ta 262

<210> 38

<211> 36

<212> PRT

<213> Mouse

<400> 38

Met Leu Ser Phe Val Asp Thr Arg Thr Leu Leu Leu Leu Ala Val Thr
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Ser Cys Leu Ala Thr Cys Gln Tyr Leu Gln Ser Gly Ser Ser Ser Arg
20 25 30

Ser Ala Ala Pro
35

<210> 39
<211> 78
<212> PRT
<213> Homo sapiens

<400> 39
Met Gly Ser Ser Gln Ala Pro Arg Met Gly Ser Val Gly Gly His Gly
1 5 10 15

Leu Met Ala Leu Leu Met Ala Gly Ile Leu Pro Gly Ile Leu Ala Lys
20 25 30

Ser Ile Gly Thr Leu Ser Asp Pro Cys Lys Asp Pro Thr Arg Ile Thr
35 40 45

Ser Pro Asn Asp Pro Cys Leu Ile Gly Lys Thr Gly Ser Asn Ser Ile
50 55 60

Ser Ser Gln Gly Gly Ser Ser Ser Arg Ser Ala Ala Ser Pro
65 70 75

<210> 40
<211> 44
<212> PRT
<213> Mouse

<400> 40
Met Ala Gly Ile Phe Tyr Phe Leu Phe Ser Phe Leu Phe Gly Ile Cys
1 5 10 15

Asp Ala Val Thr Gly Ser Arg Val Tyr Pro Ala Asn Glu Val Thr Leu
20 25 30

Leu Asp Ser Arg Ser Ser Ser Arg Ser Ala Ala Pro
35 40

<210> 41
<211> 88
<212> PRT
<213> Mouse

<400> 41
Met Glu Asn Arg Leu Leu Arg Val Phe Leu Val Trp Ala Ala Leu Thr
1 5 10 15

Met Asp Gly Ala Ser Ala Lys Gln Asp Gly Leu Trp Glu Ser Lys Ser

20

25

30

Ser Ser Asp Val Ser Ser Cys Pro Glu Ala Leu Ser Leu Glu Ile Val
 35 40 45

Gly Ser Leu Ala Arg Leu Pro Asp Gln Gln Asp Thr Ala Gln Asp Ala
 50 55 60

Ser Val Glu Val Asn Arg Gly Phe Lys Glu Glu Gly Ser Pro Asp Arg
 65 70 75 80

Ser Ser Ser Arg Ser Ala Ala Pro
 85

<210> 42
 <211> 309
 <212> DNA
 <213> Mouse

<400> 42
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 cagcctgaac gcagagcccc gaaagcagag cattcagggc aagcagagaa caccctgcag 120
 aggttttcca agaatccctc ggcatggcaa gacaaggctg tttcgggtca taccaggtaa 180
 tatccttggt cacttttgcc atcggcgtca atctctgctt aggattcaca gcaagtcgaa 240
 ttaagagggc cgaatgggat gaaggacctc ccacagtgtt atctgactct ccatggacca 300
 acacatctg 309

<210> 43
 <211> 114
 <212> DNA
 <213> Mouse

<400> 43
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 ctgaagattc agtctcggta tttggaattt ggatgcagtc cttgtttttg gatg 114

<210> 44
 <211> 64
 <212> PRT
 <213> Mouse

<400> 44
 Met Ala Arg Gln Gly Cys Phe Gly Ser Tyr Gln Val Ile Ser Leu Phe
 1 5 10 15

1259

Thr Phe Ala Ile Gly Val Asn Leu Cys Leu Gly Phe Thr Ala Ser Arg
20 25 30

Ile Lys Arg Ala Glu Trp Asp Glu Gly Pro Pro Thr Val Leu Ser Asp
35 40 45

Ser Pro Trp Thr Asn Thr Ser Gly Ser Ser Ser Arg Ser Ala Ala Pro
50 55 60

<210> 45

<211> 45

<212> PRT

<213> Mouse

<400> 45

Met Lys Thr Cys Thr Gln His Asn Arg Phe Lys Arg Gly Val Pro Leu
1 5 10 15

Ala Arg Leu Lys Ile Gln Ser Leu Val Phe Gly Ile Trp Met Gln Ser
20 25 30

Leu Phe Leu Asp Gly Ser Ser Ser Arg Ser Ala Ala Pro
35 40 45